



Advanced Technology Program
Information Technology & Applications Office
100 Bureau Drive, Stop 4720
Gaithersburg, Maryland 20899-4720

DEPENDABLE COMPUTING SYSTEMS, NETWORKS, AND APPLICATIONS

Automatic Problem Diagnostic and Repair Tools, Business to Business/Consumer Security, Cryptographic Toolkits, Encryption Systems, Fail-Safe Designs, Fault Tolerant Systems, Internet Security, Mobile Agent Security, Module Validation, System and Network Testing Tools and Services

Dependable Computing Technology R&D Funding

Dependable Computing: The U.S. is in the midst of a technology revolution, with computer systems at the heart of many major new applications. This has the potential of providing businesses and consumers with much more timely, accurate, and comprehensive information on which to base major decisions in financial, medical, and other important areas. However, as with any new technology, related applications should be designed and implemented in such a way that users can depend on the application availability and results. It is vital that organizations involved in the development of systems and networking provide technologies which continually improve the security, reliability, availability, and safety of the products. The Information Technology and Applications Office of the Advanced Technology Program at NIST funds R&D projects which fall between basic research and product development. This includes, but is not limited to, products, tools, and services to enable the creation and maintenance of highly dependable computer systems and networked applications.

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